

FORM PTO-1390  
REV. 5-93US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEYS DOCKET NUMBER  
**P99,2243****TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**09/423066**INTERNATIONAL APPLICATION NO.  
**PCT/DE98/00850**INTERNATIONAL FILING DATE  
**March 23, 1998**PRIORITY DATE CLAIMED  
**April 30, 1997**TITLE OF INVENTION **METHOD AND ARRANGEMENT FOR DETERMINING AT LEAST ONE DIGITAL VALUE  
FROM AN ELECTRICAL SIGNAL**APPLICANT(S) FOR DO/EO/US **STEFAN SCHAEFFLER**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application (35 U.S.C. 371(c)(2))
- a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
- b. ☒ has been transmitted by the International Bureau.
- c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
- a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
- b. ☒ have been transmitted by the International Bureau.
- c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
- d. ☐ have not been made and will not be made.
8. ☒ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)) (**attached at back of English translation of application**).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (**PTO 1449, Prior Art, Search Report**).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.  
**(SEE ATTACHED ENVELOPE)**
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
- a. ☒ Submission of Drawings
- b. ☒ Request for Drawing Changes
- ☐ Letter Under Rule Under 37 C.F.R. §1.41(c)
- c. ☒ EXPRESS MAIL #EL339308467US

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

09/4230006

INTERNATIONAL APPLICATION NO.

PCT/DE98/00850

ATTORNEY'S DOCKET NUMBER

99,2243

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):**

Search Report has been prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) ... \$760.00

No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but  
international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) ..... \$450.00Neither international preliminary examination fee (37 C.F.R. 1.482) nor international  
search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO ..... \$1,250.00International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all  
claims satisfied provisions of PCT Article 33(2)-(4) ..... \$ 98.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

CALCULATIONS

PTO USE ONLY

\$ 840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from  
the earliest claimed priority date (37 C.F.R. 1.492(e)).

\$

Claims

Number Filed

Number  
Extra

Rate

Total Claims

19 - 20 =

X \$ 22.00

\$

Independent Claims

2 - 3 =

X \$ 82.00

\$

Multiple Dependent Claims

\$270.00 +

\$

**TOTAL OF ABOVE CALCULATIONS =**

\$ 840.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also  
be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)

\$

**SUBTOTAL =**

\$ 840.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months  
from the earliest claimed priority date (37 CFR 1.492(f)).

+

\$

**TOTAL NATIONAL FEE =**

\$

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be  
accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property

+

**SEE  
ATTACHED  
ENVELOPE****TOTAL FEES ENCLOSED =**

\$ 840.00

Amount to be  
refunded

\$

charged

\$

a. ☒ A check in the amount of \$ 840.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A  
duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. **08-2290**. A duplicate copy of this sheet is enclosed.**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must  
be filed and granted to restore the application to pending status.**SEND ALL CORRESPONDENCE TO:**Hill, Steadman & Simpson  
A Professional Corporation  
85th Floor Sears Tower  
Chicago, Illinois 60606**SIGNATURE**

Steven H. Noll

**NAME**

28,982

**Registration Number**

09/423066  
420 Rec'd PCT/PTO - 1 NOV 1999

CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Label Number EL339308467US

Date of Deposit: November 1, 1999

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10(c) on the date indicated above and is addressed to:

BOX PCT  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Case Number: P99,2243

International Application No.  
PCT/DE98/00850

International Filing Date  
March 23, 1998

Priority Date Claimed  
April 30, 1997

Title: "METHOD AND ARRANGEMENT FOR DETERMINING AT LEAST  
ONE DIGITAL VALUE FROM AN ELECTRICAL SIGNAL"

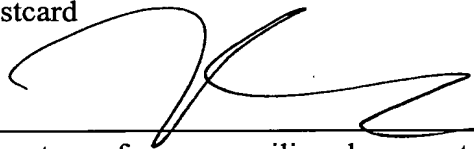
Applicants: Stefan Schaeffler

Enclosed are the following documents:

PTO Form 1390 in duplicate  
PCT Request Form  
Translation of International Application into English  
Translation of Substitute Pages  
Submission of Drawings (2 sheets - Figs. 1-4)  
Request for Drawing Changes  
Information Disclosure Statement, PTO Form 1449 and references cited  
Executed Declaration and Power of Attorney  
Executed Assignment (in separate envelope with \$40.00 recording fee)

Fee: \$840.00

Postcard

  
\_\_\_\_\_  
Signature of person mailing document and fees

## BOX PCT

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY-CHAPTER II

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**SUBMISSION OF DRAWINGS**

APPLICANT(S): Stefan Schaeffler

ATTORNEY DOCKET NO.: P99,2243

INTERNATIONAL APPLICATION NO.: PCT/DE98/00850

INTERNATIONAL FILING DATE: 23 March 1998

10 INVENTION: "METHOD AND ARRANGEMENT FOR DETERMINING AT  
LEAST ONE DIGITAL VALUE FROM AN ELECTRICAL  
SIGNAL"

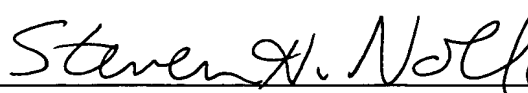
Assistant Commissioner for Patents

Washington, D.C. 20231

15 S I R:

Applicants herewith submit two sheets (FIGs 1-4) of drawings as originally  
submitted for the above-referenced PCT application.

Submitted by,

 (Reg. 28,982)

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Steven H. Noll

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A Professional Corporation

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Chicago, Illinois 60606

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Telephone: 312/876-0200 - Ext. 3899

Attorneys for Applicant(s)

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
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